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BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the Year

1963



HEALTH COMMITTEE

Chairman:

Alderman T. H O U R I G A N, M.A., J.P., C.A.

Deputy Chairman:

Councillor F. G I B S O N, J.P.

His Worship the Mayor Councillor Samuel Jones J.P.

Alderman T. Battersby, M.B.E., J.P.

" C.H. Bratt, J.P.

" H. Gough, J.P.

" E. Green, J.P.

" W. Kearney, J.P.

Councillor L. Birtles, J.P.

" H. Connell

" H. Davies

" P. Fazackerley

" P. Hull

" A. E. Lyon

" J. Murray

" J. Owens

" Dr. L.G.R. Roberts

" F. Taylor



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S T A F F

Medical Officer of Health:

ELLIS TAYLOR, M.B., Ch.B., D.P.H.

Chief Public Health Inspector:

HARRY CLUSKY

Inspector of Canal Boats: Rodent Officer

Deputy Chief Public Health Inspector:

ARTHUR L. HOPE

District Public Health Inspectors:

Thomas Sutton

David H. Barnes (Resigned 27.4.63)

Robert C. Woods

Henry P. Bird (Appointed 2.9.63)

Temporary Technical Assistant:

Clifford Pedder

Clerical Staff:

Chief Clerk: Mrs. G. O'Neil

Clerk/Typist: Miss E. Taylor

" " Miss D. Harvey

Disinfecto/Mortuary Attendants:

J. J. Kelly

G. List

Rodent Control

J. Statham

T A B L E O F C O N T E N T S

INTRODUCTION

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S E C T I O N "A"

STATISTICAL AND SOCIAL
CONDITIONS OF THE AREA

Public Health Department,
Town Hall,
L E I G H.

Tel: Leigh 72421

To the Chairman and Members of the Health Committee.

I have the honour to present for your information and consideration the Annual Report on the health of the Borough of Leigh for the year 1963.

So far as the general health of the Borough was concerned, the pattern of last year was continued. The population, as estimated by the Registrar General, increased yet again, albeit by 30, to a total of 46,530. The adjusted birth rate improved to 19.1, the highest rate since the immediate post-war years, and the corrected death rate improved to 14.4. The main groupings in the causes of death of the 590 followed a similar pattern to recent years - about one-sixth being caused by malignant disease and one third by diseases of the heart and blood vessels.

Apart from the biennial visitation of measles, the communicable diseases numbered 31 - 7 of which were cases of lobar pneumonia affecting adults. In other words the child population appeared to weather their ailments well. Although there does not appear to be any evidence of persisting ill-effect from infectious illness, there is a serious uncertainty that a true picture of incidence is reflected in the notifications. Very many cases of whooping cough remain un-notified, which might lead one to claim a greater success for immunisation against the disease than could be justified. The main object of offering protection at an early age is really to try to avoid the loss of infant life and this is certainly being achieved.

In the environmental sphere the year was somewhat disappointing. Although many houses were known to be unfit for human habitation, it was not possible to deal with them for administrative reasons outside the control of the Health Committee. This was felt to be most regrettable. The Council also had doubts regarding the Committee's Clean Air policy, subsequent to the supply of much inferior smokeless fuel and considerable public criticism - much of it ill-informed. Many people are prepared to pay lip service to attain a clean air, so long as no effort or sacrifice is called for from them.

I am pleased to take this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health Committee for their continued interest in the Department, and to the members of the staff and my colleagues in the Town Hall for their ever-ready help and co-operation.

Yours sincerely,

E. TAYLOR,

VITAL STATISTICS.

The following is a summary of the principal statistics for the year 1963:-

	<u>Leigh</u>	<u>England & Wales</u>
Population (Estimated mid-1963)	46,530	47,022,700
Number of deaths (corrected)	590	572,484
Death Rate (per 1,000 population) (corrected)	14.4	12.2
Number of Live Births registered (corrected)	809	856,232
Number of Illegitimate Births	33	59,048
Percentage of Illegitimate Live Births	4.08	6.9
Live Birth Rate (per 1,000 population) (adjusted)	19.1	18.2
Number of Stillbirths (corrected)	11	15,000
Still Birth Rate per 1,000 total (live and still) births	13.4	17.2
Number of Infant Deaths	22	18,043
Infant Mortality Rate per 1,000 live births	27.2	21.1
Infant Mortality Rate per 1,000 legitimate births	28.35	
Infant Mortality Rate per 1,000 illegitimate births	Nil	
Neo-Natal Mortality Rate (first four weeks) per 1,000 related live births	18.5	14.2
Peri-natal Mortality Rate per 1,000 total births	29.3	29.3
Maternal Deaths (including abortion)	1	244
Maternal Mortality Rate (including abortion) per 1,000 total births	1.22	0.28
Number of Deaths from all forms of Tuberculosis	2	2,962
Death Rate per 1,000 population from all forms of Tuberculosis	0.02	0.063
Number of Deaths from Neoplasms - Lung Bronchus	19	24,442
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.41	0.52
Number of Marriages solemnised	425	

LOCAL CONDITIONS AND STATISTICS.

Leigh is an industrial South-East Lancashire town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The principal industries are coal mining, cotton spinning and weaving, electric cable manufacture, electrical products, rope making, rayon weaving, sheet metal working, agricultural and general engineering, with some farming on mossland on the southerly boundary of the Borough.

Area in acres	6,359
Population (Census 1951)	48,728
Population (Census 1961)	46,174
Estimated population (Mid-year Estimate 1963)	46,530
Number of inhabited houses, end of 1963 according to Rate Books	15,114
Rateable Value	£1,353,094
Sum represented by Penny Rate	£5,333

TABLE SHOWING CLASSIFICATIONS OF CAUSES
OF DEATHS FOR THE YEAR 1963

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis, Respiratory	1	-	1
" Other	1	-	1
Syphilitic Disease	1	-	1
Malignant Neoplasms - Stomach	6	12	18
" " - Lung, Bronchus	14	5	19
" " - Breast	-	8	8
" " - Uterus	-	2	2
" " - Others	29	26	55
Leukaemia, aleukaemia	1	2	3
Diabetes	2	2	4
Vascular lesions of the Nervous System	34	44	78
Coronary Disease, Angina	82	36	118
Hypertension with Heart Disease	2	11	13
Other Heart Disease	45	38	83
Other Circulatory Diseases	11	8	19
Influenza	1	6	7
Pneumonia	14	10	24
Bronchitis	22	12	34
Other diseases of respiratory system	11	2	13
Ulcer of Stomach and Duodenum	2	1	3
Nephritis and Nephrosis	1	5	6
Hyperplasia of Prostate	3	-	3
Pregnancy, Childbirth, Abortion	-	1	1
Congenital malformations	4	3	7
Other defined and ill-defined diseases	20	24	44
Motor Vehicle Accidents	7	-	7
All other Accidents	6	9	15
Suicide	2	1	3
	—	—	—
	322	268	590
	=====	=====	=====

STATISTICS FOR 1962, 1963 AND THE PERIOD 1958 - 1962

BOROUGH OF LEIGH	Per 1,000 Estimated Population			Mortality Rate		
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal Mortality Rate per 1,000 Total Births		Infant Mortality Rate per 1,000 Live Births
				Rate per 1,000	Total Births	
Mean of 5 years (1958 - 1962)	16.4	12.5	0.08	0.49	21.4	
Year 1962	17.2	13.0	0.06	1.21		27.4
Year 1963	17.4	12.7	0.02	1.22		27.2
Increase or decrease in 1963 on 5 years average (1958 - 1962)	+ 1.0	+ 0.2	- 0.06	+ 0.73	+ 5.8	
Increase or decrease in 1963 on 1962	+ 0.2	- 0.3	- 0.04	+ 0.01	- 0.2	

BIRTH RATE

The total number of registered live births assignable to the Borough of Leigh for the year 1963 was 809 compared with 802 the previous year. The corresponding crude Birth Rate for the two years respectively is 17.4 and 17.2 per 1,000 estimated population.

The crude death rate is 12.7 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 14.4 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates per 1,000 estimated population for Leigh and England and Wales during the last 25 years.

Year	Birth Rates (adjusted)		Death Rates	
	Leigh	England & Wales	Leigh	England & Wales
1939	14.5	15.0	15.4	12.1
1940	15.5	14.6	16.6	14.3
1	18.1	14.2	11.7	12.9
2	18.3	15.8	12.1	11.6
3	19.8	16.5	12.5	12.1
4	19.3	17.6	12.7	11.6
5	18.8	16.1	12.5	11.5
6	20.4	19.1	11.5	11.4
7	22.2	20.5	12.7	12.0
8	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5
1	16.6	17.4	16.8	12.0
2	17.1	18.0	16.1	11.9
3	19.1	18.2	14.4	12.2

STILL BIRTH RATE

The total number of registered still births assignable to the Borough during the year was 11 compared with 26 the previous year, giving rates for the two years of 0.24 and 0.56 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.32.

BIRTH RATES AND DEATH RATES, ANALYSIS OF
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS
DISEASES FOR THE YEAR 1963.

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	18.2	19.1
Still Births	0.32	0.24
	17.3 (a)	
DEATHS:-		
All Causes	12.2	12.68
Tuberculosis - All forms	0.063	0.04
" - Respiratory	0.056	0.02
" - Non-Respiratory	0.007	0.02
Cancer - All forms	2.18	2.26
" - Lungs & Bronchus	0.52	0.41
" - Other Cancer	1.66	1.85
Maternal Mortality	0.28 (a)	1.22
Infant Mortality	20.9 (b)	27.2
Neo-Natal Mortality	14.2 (b)	18.5
NOTIFICATIONS:-		
Typhoid Fever	0.005	0.11
Paratyphoid Fever	0.007	Nil
Meningococcal Infection	0.013	Nil
Scarlet Fever	0.371	Nil
Whooping Cough	0.739	0.41
Diphtheria	0.001	Nil
Erysipelas	0.037	Nil
Smallpox	Nil	Nil
Measles	12.783	12.12
Pneumonia	0.301	0.15
Acute Poliomyelitis - Paralitic	0.001	Nil
" " - Non-Paralitic	0.000	Nil
Acute Encephalitis - Infective	0.003	Nil
" " - Post Infective	0.004	Nil
Dysentery	0.675	Nil
Food Poisoning	0.125	Nil
Puerperal Pyrexia	0.138	Nil
Tuberculosis - Respiratory	0.348	0.17
" - Meninges & C.N.S.	0.003	Nil
" - Other	0.052	0.04
Anthrax	0.000	Nil

(a) Per 1,000 Total Live and Still Births
(b) Per 1,000 Total Live Births.

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1963.

AGE	PERIODS	Cases Notified						Deaths					
		Pulmonary		Non-Pulmonary		Pulmonary		M		F		M	
		M	F	M	F	M	F	M	F	M	F	M	F
Under 1		1	-	-	-	-	-	-	-	-	-	-	-
1 - 4 years		-	-	-	-	-	-	-	-	1	-	-	-
5 - 9 "		1	-	-	-	-	-	-	-	-	-	-	-
10 - 14 "		1	-	-	-	-	-	-	-	-	-	-	-
15 - 19 "		-	-	-	-	-	-	-	-	-	-	-	-
20 - 24 "		-	-	-	-	-	-	-	-	-	-	-	-
25 - 34 "		-	-	-	-	-	-	-	-	-	-	-	-
35 - 44 "		-	4	-	-	1	-	-	-	-	-	-	-
45 - 54 "		-	1	-	-	1	-	-	-	1	-	-	-
55 - 64 "		-	-	-	-	-	-	-	-	1	-	-	-
65 and upwards		-	-	-	-	-	-	-	-	1	-	1	-
TOTALS		7	1	2	-	-	-	8	2	1	1	1	1

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1946 - 1962

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Notified Cases:-																		
(a) Pulmonary																		
21	24	42	27	27	35	26	28	18	19	24	24	28	20	15	22	25	8	
(b) Non-Pulmonary	9	6	12	6	14	4	3	5	1	3	3	3	2	1	1	2	2	
Deaths:-																		
(a) Pulmonary																		
11	18	17	17	14	9	8	7	11	5	5	2	7	6	2	1	3	1	
(b) Non-Pulmonary	5	1	3	1	-	5	2	1	-	-	-	-	-	-	-	1	-	

S U M M A R Y O F T H E I N C I D E N C E O F T H E P R I N C I P A L N O T I F I F I A B L E D I S E A S E S

O T H E R T H A N T U B E R C U L O S I S , 1 9 4 5 - 1 9 6 2

(No. of Deaths in brackets)

	1945-49	1950-54	1955	1956	1957	1958	1959	1960	1961	1962	1963
Scarlet Fever	978 (1)	480	33	37	20	9	38	17	8	6	5
Diphtheria	44	-	-	-	-	-	-	-	-	-	-
Measles	1884 (5)	1928 (1)	418	142	710 (1)	17	90	1311	130	21	564
Whooping Cough	438 (1)	510 (1)	21	108	23	26	31	16	6	3	19
Pneumonia	249 (101)	152 (108)	9 (17)	3 (21)	7 (28)	5 (9)	3 (14)	1 (13)	3 (26)	- (20)	7 (3)
Puerperal Pyrexia	43	4	-	-	-	-	-	-	-	-	-
Meningococcal Infection	-	4 (2)	3	1	-	2 (1)	-	-	-	-	-
Dysentery	6	42	31	6	1	23	113	187	9	4	-
Erysipelas	63	33	5	1	1	2	4	1	-	-	-
Acute Poliomyelitis	12 (1)	10	1	1	2	1	8	-	1	-	-
Food Poisoning	4	-	4	-	-	-	21	-	-	-	-
Paratyphoid Fever	-	7	-	-	1	-	2	-	-	-	-
TOTALS	3721	3170	525	299	765	106	289	1533	157	34	595

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1963.

S E C T I O N "B"

G E N E R A L P R O V I S I O N S

O F T H E

H E A L T H S E R V I C E S

I N T H E

B O R O U G H

GENERAL PROVISIONS OF THE HEALTH SERVICES

IN THE BOROUGH.

AMBULANCE SERVICE.

Leigh Ambulance Station. Tel: Leigh 73111

CARE OF CHILDREN - CHILDREN ACT, 1948.

Children's Committee, Lancashire County Council, Area No. 11

Area Children's Office,
89 - 91 Railway Road,
Leigh. Tel: Leigh 72206

CLINICS.

1. ANTE-NATAL:

Boundary Street Clinic	Monday	2.0 p.m. - 4.0 p.m.
Stonehouse Clinic	Wednesday	2.0 p.m. - 4.0 p.m.
	Thursday	1.30p.m. - 3.30p.m.

2. RELAXATION CLASS:

Stonehouse Clinic	Friday	2.0 p.m. - 4.0 p.m.
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3. IMMUNISATION:

(i) At the four County Clinics in the Leigh area
by arrangement as required.

(ii) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Children of pre-school age - Each of the Child Welfare Clinics
at 2.0 p.m.

5. CHILD WELFARE:

(i) Stonehouse Clinic	Tuesday	2.0 p.m. - 4.0 p.m.
(ii) Boundary Street Clinic	Thursday	2.0 p.m. - 4.0 p.m.
(iii) Ingham Street Clinic	Wednesday	2.0 p.m. - 4.0 p.m.
(iv) Nangreaves St. Clinic	Monday	2.0 p.m. - 4.0 p.m.

6. SCHOOL CHIROPODY:

Stonehouse Clinic	Monday	2.0 p.m. - 3.0 p.m.
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7. MINOR AILMENTS OF SCHOOL CHILDREN:

Stonehouse Clinic	Monday, Tuesday, Thursday & Friday mornings.
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C L I N I C S (Continued)

8. DENTAL:

Stonehouse Clinic, St. Helens Road, Leigh By appointment.

9. OPHTHALMIC:

Stonehouse Clinic, St. Helens Road, Leigh By appointment.

10. ORTHOPAEDIC:

Elliott Street Clinic, Tyldesley. By appointment.

11. SPEECH THERAPY:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment.

12. DAY NURSERY:

Leigh No.1 Stonehouse, St. Helens Road, Leigh.

Leigh No.2 Cavendish Street, Leigh.

13. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

14. VENEREAL DISEASES:

(i) LEIGH INFIRMARY

Males and Females: Monday 9.30 a.m. - 10.30 a.m. By appointment.

(ii) CIVIC CENTRE, BOLTON.

Males and Females:

Monday, Wednesday & Friday 9.30 a.m. - 12 noon ; 4.30 p.m. - 7.0 p.m.

Tuesday & Thursday 9.30 a.m. - 12 noon

Saturday 9.00 a.m. - 11.0 a.m.

(iii) ROYAL ALBERT EDWARD INFIRMARY, WIGAN.

Males and Females:

Monday to Friday 9.00 a.m. - 5.0 p.m.

Saturday 9.00 a.m. - 11.30 a.m.

CONVALESCENCE.

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

CONVALESCENT TREATMENT.

Arrangements made by the Regional Hospital Board.

HEALTH VISITING SERVICE.

Health Visitor/School Nurses are employed in the area by the Lancashire County Council.

HOME HELP SERVICE.

Provided by the Lancashire County Council through the Divisional Medical Officer.

HOME NURSING SERVICE.

District Nurses are provided in the area by the Lancashire County Council.

HOSPITALS.

- | | |
|-----------------------|--|
| 1. GENERAL | Leigh Infirmary
Astley Hospital, Astley.
Atherleigh Hospital |
| 2. INFECTIOUS DISEASE | Whalley Hospital, Wigan.
Hulton Lane, Bolton. |
| 3. MATERNITY | Billinge Hospital, Billinge, Nr. Wigan. |

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratory of the Public Health Laboratory Service at Monsall, Manchester, and at Preston.

MATERNITY HOMES.

The Firs, Leigh.

MIDWIFERY SERVICE.

Domiciliary midwives employed in the area by the Lancashire County Council.

MORAL WELFARE WORK.

- | | |
|----------------|---|
| Local Worker:- | Council for Moral Welfare,
186 Chapel Street,
Leigh,
Tel : Leigh 71061 |
|----------------|---|

NURSING HOMES.

None in the district.

UNMARRIED MOTHERS AND ILLEGITIMATE CHILDREN.

Provision for their care is made by the Lancashire County Council in conjunction with voluntary organisation.

WELFARE SERVICES.

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh, etc.

X - RAY FACILITIES.

At Leigh, Bolton and Wigan Infirmarys. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

S E C T I O N "C"

P R E V E N T I O N O F A N D C O N T R O L

O V E R I N F E C T I O U S A N D

O T H E R D I S E A S E S

P R E V E N T I O N O F A N D C O N T R O L O V E R I N F E C T I O U S
A N D O T H E R D I S E A S E S.

D I P H T H E R I A

No cases were notified.

The need to continue the immunisation campaign against the disease, however, remains the most necessary pre-requisite for continued freedom.

D Y S E N T E R Y

4 notifications were received during the year, but none of these cases was confirmed.

230 faecal specimens were submitted for examination, 75 of which were confirmed as infected.

E N C E P H A L I T I S.

No cases were notified.

E R Y S I P E L A S.

No cases were notified.

F O O D P O I S O N I N G

2 cases were notified, but none was confirmed.

M E A S L E S

564 cases were notified. All proved to be fairly mild and complications were minimal.

M E N I N G O C O C C A L I N F E C T I O N

No cases were notified.

P A R A T Y P H O I D F E V E R.

No cases were notified.

P O L I O M Y E L I T I S.

No cases were notified.

P N E U M O N I A.

7 cases were notified.

P U E R P E R A L P Y R E X I A

No cases were notified.

S C A R L E T F E V E R

5 cases were notified.

S M A L L P O X (VARIOLA)

No cases were notified.

T U B E R C U L O S I S

During the year 8 cases of pulmonary and 2 of non-pulmonary infection were notified, compared with 25 and 2 respectively in the previous year.

T Y P H O I D F E V E R.

No cases were notified.

W H O O P I N G C O U G H.

There were 19 notifications during the year.

S E C T I O N "D"

R E P O R T B Y T H E

C H I E F P U B L I C H E A L T H I N S P E C T O R

O F T H E

S A N I T A R Y C I R C U M S T A N C E S

O F T H E A R E A

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GENERAL SANITARY ADMINISTRATION.

COMPLAINTS AND ENQUIRIES.

682 complaints and 3,697 enquiries were received in the office. These are classified in the following tables.

COMPLAINTS

Defective Drains	34
" Closets	102
" Window Frames	13
" Doors	3
" Eavesgutters	16
" House Roofs	16
" Yard Surface	1
" Floors	8
" Sinks	4
" Wall and Ceiling Plaster	16
" Fireplaces	5
" Chimneys	12
Dampness due to various causes	17
Insufficient and inadequate water supply	21
Water lodging	7
Overcrowding	8
Verminous Houses	7
Dirty Houses	3
Rain Penetration	15
Rats and Mice	289
Miscellaneous	85
TOTAL	682

ENQUIRIES.

	<u>1961</u>	<u>1962</u>	<u>1963</u>
Certification of Vaccination Certificates	90	530	169
Enquiries regarding complaints previously made	100	10	15
" " slum clearance	336	220	187
" " Rent Act	10	3	4
" " Food Hygiene Regulations	20	14	16
" " Overcrowding	-	2	3
" " Licences	3	6	4
" " Dustbins	11	5	4
" " Clean Air Act	73	433	3138
Water Supply	-	8	27
Miscellaneous	158	109	130
TOTAL	801	1340	3697

S U M M A R Y O F V I S I T S B Y T H E P U B L I C H E A L T H I N S P E C T O R S

	Inspections	Re-inspections	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	382	832	1214	461	495
Housing Acts	95	94	189	4	
Overcrowding	13	14	27		
Houses - Verminous	19	8	27		
" - Non-Verminous	2	3	5		
GENERAL SANITATION:-					
Tents, Vans & Sheds	31	2	33		
Places of Entertainment	3	-	3		
Infectious Disease	26	33	59		
Schools	47	-	47		
Stables and Piggeries	10	-	10		
Prevention of Damage by Pests Act	11	9	20	2	2
Farms	2	-	2		
Drain Testing	11	-	11		
Tips	2	-	2		
Smoke Observations	2	-	2		
Pet Animals Act	-	-	-		
Waste Food Order	-	-	-		
Miscellaneous	233	38	271	3	1
Improvement Grants	279	144	423		
Noise Abatement	12	-	12		
Clean Air Act	1993	486	2479		
Hairdressers' Byelaws	3	-	3		
SHOPS ACT:-					
	48	-	48		
FACTORIES ACT:-					
Mechanical Power	21	-	21		
Non-Mechanical Power	-	-	-		
FOOD PREMISES:-					
Markets	9	-	9		
Bakehouses	7	-	7		
Canteens	6	-	6		
Cafes and Restaurants	8	-	8		
Grocers Shops	16	-	16		
Greengrocers	1	-	1		
Confectionery Shops	1	-	1		
Food Warehouses	3	-	3		
Licensed Premises	7	-	7		
Butchers Shops	1	-	1		
Slaughterhouses	746	-	746		
Ice Cream Shops and Vehicles	2	-	2		
Hawkers Vehicles	2	-	2		
TOTALS	4054	1670	5724	473	503

INFECTIOUS DISEASES - INVESTIGATION

AND DISINFECTION

26 visits of investigation and 33 re-visits were paid to premises where infectious diseases had occurred. Library Books were disinfected when necessary.

Sales of Disinfectant and insecticides by the Department realised £144.15s.2d. as against £134.9s.2d. last year.

DISINFECTION.

32 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 64 premises were treated by the Disinfestation Staff as follows:-

Houses	35
Offices and Workshops	3
Other Premises	26

The Department provides a complete disinfestation service which is available to the public and industrial undertakings both for treatment and advice on any infestation problem. For this work £132.15s.1d. was re-charged during the year.

TESTING OF DRAINAGE SYSTEMS.

11 visits were paid for the purpose of testing and inspecting existing drainage systems.

Testing of new drainage is carried out by the Borough Surveyor's Department.

CLOSET ACCOMMODATION.

Number of fresh water closets	18,065
Number of waste water closets	199 (approx)
Number of pail closets	12
Privy middens	3

The pail closets and privy middens are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

CONVERSION OF WASTE WATER CLOSETS.

During the year 2 applications were received and approved for grants towards the conversion of waste water closets to fresh water closets. A grant of £10 was made in each case.

SEWAGE DISPOSAL.

The disposal is effected at the works of the Leigh and Atherton Joint Sewerage Board, Mather Lane, Leigh. The method of disposal is by percolating filters and humus tanks, with additional chemical treatment by chlorine gas.

CANAL BOATS.

There were no new registrations of Canal Boats during the year, nor were any inspected. Of recent years few, if any, boats discharge or pick up cargo in the Borough.

PIGGERIES.

The number of piggeries in the Borough is estimated to be 90. 10 visits were made during the year.

OFFENSIVE TRADES.

There are no Offensive Trades operating in the Borough.

COMMON LODGING HOUSES.

There are no common lodging houses within the Borough.

MARINE STORE DEALERS.

There are six premises registered as Old Metal and Marine Store Dealers in the Borough. No applications for registration were made during the year. In all cases of new registration the Police are informed.

PET ANIMALS ACT, 1951.

Seven licences to keep Pet Shops have been issued during the year. Not all licence holders are actually selling animals.

PUBLIC BATHS.

The Public Baths consists of 2 plunges, 12 slipper baths and 1 foam bath. Facilities are available for Turkish Baths.

Eighty samples of swimming bath water were submitted to the Public Health Laboratory for examination. All were reported upon satisfactorily.

TENTS, VANS AND SHEDS.

There is one licensed caravan site in the Borough containing one caravan. 33 visits were paid to itinerant caravans which were parked for varying periods before moving, and which were the cause of considerable public agitation in the Westleigh area.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

This Act governs the conditions under which rag flock is manufactured and stored, and controls the use of this and other filling materials for upholstery and such purposes. Standards of cleanliness of filling materials are prescribed by Regulation and certain premises require to be registered by the local authority.

One firm carrying out upholstery work is registered by the Council. There are no premises manufacturing rag flock in the Borough.

MORTUARY.

The Public Mortuary is controlled and staffed by the Department.

During the year 101 bodies were received, of these 21 were from adjoining districts.

Reason for Admission	1959	1960	1961	1962	1963
Accidents	6	3	5	4	6
Suicide	4	6	5	4	3
Natural Causes	59	66	74	61	68
Misadventure	-	-	-	-	1
Open Verdict	-	2	2	2	2
Out of District	65	45	16	14	21

REFUSE COLLECTION.

This service is under the control of the Director of Public Cleansing, who has supplied the following information:-

Number of movable ashbins	18,230 (approx)
Number of ashbins emptied	893,270 (approx)
Refuse dealt with at Destructor	16 tons
Refuse delivered to tip	26,607 tons (approx)

PLACES OF PUBLIC ENTERTAINMENT

There are two cinemas, to which visits have been made for the purpose of inspection of sanitary accommodation, ventilation and cleanliness.

NOISE ABATEMENT ACT, 1960.

The Noise Abatement Act, 1960 came into force on the 27th November, 1960 and made noise or vibration, which is held to be a nuisance, capable of being dealt with under the Public Health Act, 1936. There have been 2 complaints received during the year and 12 visits of investigation made.

HAIRDRESSERS' AND BARBERS' ESTABLISHMENTS.

Byelaws made under Section 77 of the Public Health Act, 1961 with regard to hairdressers' and barbers' establishments came into force in the Borough on the 1st October, 1962, and 3 visits were made to such establishments during the year.

W A T E R S U P P L Y.

The Makerfield Water Board is the statutory Water Undertaking for the Borough.

The supply is taken in bulk from the Rivington Aqueduct of the Liverpool Corporation and the Thirlmere Aqueduct of the Manchester Corporation.

Weekly sampling of the Town's mains water is undertaken, 92 samples being submitted for bacteriological examination.

One sample was submitted for chemical analysis, with the following result (expressed in parts per million):-

Colour	Normal
Oxygen absorbed from permanganate in 15 mins.	0.16
Oxygen absorbed from permanganate in 3 hrs.	0.32
Ammonia	0.06
Albuminoid Ammonia	0.03
Nitrogen as Nitrates	0.30
Nitrogen as Nitrites	Faint Trace
Combined Chlorine	13
Lead	Nil
Zinc	Nil
Copper	Nil
Total Iron	0.16
ph. value	6.5
Total solids in solution	92
Free Chlorine	0.02

Number of houses with direct supply from the mains	15,106
Number of houses supplied by standpipe	1
Number of houses with private supply (These are premises beyond the point of supply by mains)	7

FACTORIES ACT, 1937.

Number of Factories on the Register at the end of the year 172

CLASSIFICATION

Cotton and Rayon Textile Manufacturers	18
Reed Makers	1
Tailors and Garment Makers	9
Brick Makers	3
Builders, Builders' Merchants & Stonemasons	9
Joiners and Cabinet Makers	16
Earthenware Manufacturers	1
Bakehouses	23
Maltsters	1
Bottlers of Ales, etc.	2
Mineral Water Manufacturers	2
Slaughterhouses	2
Toffee Works	1
Shoeing Forge	1
Coach Builders	2
Engineers and Iron Founders	12
Motor Vehicle Repairers	18
Scrap Metal Dealers	3
Sheet Metal Workers and Welders	5
Boot and Shoe Repairers	9
Brush, Skip and Hamper Makers	2
Cable Makers	1
Electricity Station	1
Coffin Makers	1
Launderers and Dry Cleaners	7
Paint Manufacturers	1
Printers	6
Rope Works	1
Radio and T.V. Repairers	4
Wire Works	1
Others	<u>9</u>
TOTAL	172

The following tables give particulars of the inspections during the year under Part I of the Factories Act, 1937, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	No. on Register	No. of inspec-tions.	No. of Written Notices	No. of Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	11	-	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	159	21	-	-
Other premises in which Section 7 is enforced by Local Authority (excluding outworkers premises)	2	-	-	-
TOTALS	172	21	-	-

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of Defects				
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of offences in respect of which prosecutions were instituted
Nuisances under the Public Health Acts:-					
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	2	2	-	-	-
(b) Unsuitable or defective	2	1	-	-	1
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTALS	4	3	-	1	-

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION.

THE CLEAN AIR ACT, 1956.

SMOKE CONTROL AREAS.

Two smoke control areas (Numbers 2 and 3) became operative on the 1st October and the 1st September respectively. Number 2 Area was originally confirmed with the operative date 1st July, but, due to technical difficulties, it became necessary to postpone this to the 1st October. The combined acreage of the two areas being 321 containing 2,347 dwellings and 264 other premises.

During the winter many complaints were received of the unsatisfactory condition of the approved fuels and supplies to the householders and this resulted in a considerable amount of time being spent by the staff in checking the fuel supply and in discussions with suppliers and manufacturers.

ATMOSPHERIC POLLUTION.

This is the fifth full year in which the Dark Smoke (Permitted Periods) Regulations have been in operation. Offences under these Regulations are classified as:-

1. Emission of dark smoke from any chimney longer than 10 minutes in the aggregate in any period of 8 hours, or, if soot blowing is carried out during the period, 14 minutes. These periods are extended where a chimney serves more than one furnace by:-

18 - 25 minutes in the case of 2 furnaces
24 - 34 " " " " 3 "
29 - 41 " " " " 4 " or more.

(The two furnace tubes of a Lancashire boiler would be classified as a single furnace).

2. The continuous emission of dark smoke, caused otherwise than by soot blowing, for a period exceeding $\frac{1}{4}$ minutes.
3. The emission of black smoke for more than 2 minutes in the aggregate in any period of 30 minutes.

The number of factory and works chimneys situated within the Borough is 41.

No observations of chimneys were made during the year.

The Authority is a member of both the North Western Division of the National Society for Clean Air and the Manchester and District Regional Smoke Abatement Committee.

COLLIERY SPOIL BANKS.

The Bedford Colliery Spoilbank has continued throughout the year to be quiescent.

VOLMETRIC APPARATUS.

The measurement of pollution has continued during the year by the use of volumetric apparatus and the deposit gauge. The results are submitted to the Department of Scientific and Industrial Research, where they are co-ordinated into the National Survey of Atmospheric Pollution.

The tables on the following pages give the comparative results of the investigation and reveal a continuing improvement, small perhaps, but of significance.

The recording, which commenced in April 1958, is achieved by drawing about 70 cubic feet of air every 24 hours through a 2" circle of filter paper, the suspended matter being deposited on the paper as a dark stain, this varying of course with the amount of smoke present in the air. The stain is measured by means of a photo-electric apparatus and results are expressed in microgrammes per cubic metre. At the same time an estimation of the amount of sulphur is made and expressed as the average sulphur dioxide concentration in microgrammes per cubic metre.

At the invitation of the Department of Scientific and Industrial Research, the Committee agreed to participate in the National Survey of Atmospheric Pollution, and to the setting up of three sites for measurement of smoke and sulphur dioxide at (a) the Town Hall, (b) Chapel Street and (c) Firs Lane. This National Survey came into operation on the 31st October, 1961.

VOLUMETRIC APPARATUS (Continued)

The results are given in the following tables in the form of highest, lowest and average of the daily readings at the three sites in each month for the year 1963 and the corresponding figures for 1962.

T O W N H A L L

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963
January	386	512	2244	1532	56	180	390	500	1539	1306	90	233
February	245	398	776	972	88	200	231	418	581	815	75	254
March	315	215	796	584	132	96	336	171	898	520	64	43
April	230	209	604	776	112	56	174	216	479	697	64	103
May	128	104	340	284	60	56	145	104	437	209	64	50
June	85	63	332	124	16	40	127	104	258	293	63	52
July	98	80	272	248	32	36	114	133	264	292	38	66
August	86	65	176	196	36	8	98	98	181	249	57	52
September	131	168	308	544	44	40	143	155	295	461	71	74
October	194	129	436	394	56	52	220	187	494	422	120	73
November	435	197	1608	720	96	32	378	265	1134	661	170	67
December	341	327	1584	1272	92	108	317	323	1024	989	134	170

F I R S L A N E

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963
January	310	453	1884	1292	44	170	312	500	1624	1306	60	233
February	219	322	812	856	44	156	138	205	445	545	42	132
March	326	181	900	524	52	52	230	105	709	376	67	54
April	154	179	408	724	84	52	133	53	348	186	55	23
May	131	136	420	312	36	66	106	29	356	117	32	10
June	67	48	252	104	24	16	95	30	216	102	32	11
July	72	63	296	232	28	28	95	27	189	70	59	11
August	65	58	196	196	12	20	91	29	197	182	62	11
September	124	143	328	404	16	44	109	29	236	118	45	10
October	246	163	588	394	40	40	183	32	419	164	52	6
November	449	202	1548	644	84	40	284	17	831	58	111	6
December	408	337	1596	1232	64	96	265	98	1062	439	65	12

C H A P E L S T R E E T

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963
January	369	326	2148	924	68	92	374	402	1821	1300	67	195
February	245	206	576	624	116	88	224	269	662	660	108	70
March	345	121	812	372	116	32	293	171	769	520	95	43
April	240	131	532	456	136	28	176	157	522	538	85	57
May	154	129	368	284	64	60	157	82	387	207	63	15
June	82	57	336	136	16	20	125	80	501	227	68	44
July	96	66	136	192	36	36	123	76	264	234	66	34
August	111	78	276	176	72	48	105	71	276	211	71	33
September	139	133	336	404	40	56	131	120	278	362	57	63
October	237	128	504	392	40	52	230	150	456	398	59	17
November	405	167	1332	604	40	28	351	155	1090	342	108	23
December	352	212	1308	816	116	36	228	292	1496	886	166	112

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

M A N C H E S T E R R O A D

Month	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
January	18.41	12.22	25.94	-*	-*	15.98	14.51	13.07	26.04	11.46
February	37.84	11.12	6.29	12.53	-*	8.11	13.45	12.15	10.68	12.90
March	14.40	10.51	15.60	14.23	-*	12.79	15.40	10.71	12.60	14.13
April	9.03	13.07	17.32	11.80	12.93	12.22	10.53	14.64	9.95	13.72
May	20.32	10.74	13.68	19.82	13.24	11.26	18.55	10.20	12.21	14.99
June	13.76	14.17	21.08	18.79	14.34	17.34	10.89	12.14	11.50	13.66
July	14.55	8.94	19.15	19.20	13.34	10.99	12.32	11.78	14.71	gauge not submitted
August	19.72	10.30	19.71	19.92	11.57	4.96	12.32	9.85	16.45	
September	18.56	14.03	17.58	19.74	12.60	14.54	9.17	11.42	9.68	14.12
October	13.75	16.84	15.29	-*	10.85	15.27	12.96	13.11	16.87	11.67
November	24.02	10.16	21.55	-*	11.93	12.45	20.96	12.35	8.96	17.69
December	22.27	22.78	13.59	-*	14.74	14.40	14.07	12.84	18.16	9.27
TOTAL	226.63	154.88	206.78	136.03	115.54	151.51	165.13	144.26	167.81	150.72
Average per month	18.88	12.90	17.23	17.00	12.84	12.62	13.76	12.02	13.98	13.70

* Due to repeated interference with the apparatus at this site the results have been unreliable, consequently recordings were discontinued until a more favourable one was found.

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

T O W N H A L L

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
January	-	15.84	35.32	27.64	27.21	26.68	21.00	14.50	32.58	30.39
February	-	8.50	21.18	28.61	18.44	-	16.90	41.92	22.01	30.45
March	36.85	15.57	45.35	30.92	28.42	-	17.02	11.44	31.29	30.70
April	18.34	93.61	32.57	33.50	25.31	33.32	20.45	24.17	35.26	24.18
May	29.61	32.70	23.93	-	75.84	21.65	22.01	15.31	23.23	20.85
June	18.64	34.14	21.98	23.40	20.28	24.16	14.90	13.39	6.70	20.90
July	20.48	15.40	31.00	24.01	16.50	15.36	17.14	19.51	6.33	14.11
August	25.15	22.41	39.33	32.24	13.08	12.34	15.94	17.87	102.27	19.08
September	28.80	-	37.18	22.13	21.24	17.84	13.34	16.38	21.82	22.88
October	20.24	31.51	20.22	28.82	19.01	24.12	18.68	16.20	22.36	19.07
November	32.57	19.27	24.48	14.80	13.74	23.86	26.37	25.71	16.80	25.54
December	27.52	39.26	22.48	42.18	28.12	20.27	19.95	12.41	27.37	25.61
TOTAL	258.20	328.21	355.02	308.25	307.19	219.60	223.70	228.81	348.02	283.76
Average per month	25.82	29.83	29.58	28.02	25.60	21.96	18.64	19.06	29.00	23.65

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

F I R S M A T E R N I T Y H O M E

Month	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
January	14.16	17.65	14.48	14.21	-	19.85	21.73	10.71	22.52	10.90
February	33.93	9.49	4.20	13.69	15.31	6.50	12.34	14.86	12.83	13.24
March	-	16.40	5.40	13.92	18.23	11.93	13.90	7.73	13.51	12.94
April	19.53	18.92	53.74	15.30	13.76	10.22	27.94	14.10	9.96	11.62
May	16.69	13.89	15.40	14.89	18.09	9.70	25.10	10.22	13.11	12.90
June	13.41	17.47	11.52	17.37	16.86	21.48	9.60	10.01	8.67	17.90
July	12.52	10.00	19.88	14.86	15.17	11.72	18.09	15.72	27.00	6.60
August	18.34	11.18	22.29	21.07	11.51	5.53	11.86	18.85	12.16	13.13
September	17.34	14.86	18.05	19.74	17.47	11.07	12.73	12.52	4.98	13.41
October	13.62	16.89	13.72	16.92	9.18	19.85	12.58	21.48	21.10	10.63
November	22.34	8.70	15.24	9.39	12.52	15.85	15.09	22.59	7.53	20.57
December	23.66	26.76	15.06	16.89	15.95	16.67	16.37	12.66	18.74	7.66
TOTAL	205.54	182.21	208.98	188.25	164.05	160.37	197.33	171.45	172.11	151.50
Average per month	18.68	15.18	17.41	15.68	14.91	13.36	16.44	14.29	14.34	12.62

H O U S I N G.

The slum clearance programme was, on technical grounds, slowed down again but towards the end of the year activity was increasing and it is to be hoped that this impetus can be stepped up once again because of the pressure which is becoming evident from the complaints of people living in those areas which are sub-standard. We have been advising these people for several years now not to spend money on the property because of the likelihood of their being dealt with in the near future and one sympathises with them for being so patient.

This has been a disappointing year only 32 houses having been dealt with as against the original target figure of 85 houses per year.

Details of the houses dealt with are given below:-

Summary of the position as at 31st December, 1963.

Year	Number of houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pro-						
Programme	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
1960	73	14	87	171	53	224
1961	18	24	42	37	58	95
1962	27	11	38	69	34	103
1963	12	20	32	27	49	76
TOTAL	395	289	684	1084	810	1894

Houses dealt with since the inception of the current programme 638

Representations were made in respect of 2 Areas comprising 12 houses, as a result of which a clearance order was made in respect of one area and the houses demolished, the other remaining outstanding at the end of the year.

A further 20 reports were made in pursuance of section 16 of the Housing Act, 1957, details of which are as follows:-

Address	No. of Houses	Persons to be displaced
7 Aspull Common	3	6
Charity Farmhouse	1	5
38, 40, 42 Brunswick Street	3	4
14, 16, 18, 20 Lloyd Street	4	9
5, 7, 9 Schofield Street	3	6
188 Westleigh Lane	1	3
33 Mill Lane	1	4
10, 12, 14, 16 School Street	4	12

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1963.

Year	Pre-programme Alma Street Individual Houses Tickle Street Kenyon Street Taylor Street Hulmes Buildings Ditchfield Street Westwell Street (No.2) Westleigh Lane (No.9) Ann Street Individual Houses Westleigh Lane (No.8) Brooks Houses (No.1) Siddow Common (No.3) Welch Hill Street (No.4) Welch Hill Street (No.5) Individual Houses Back Brown Street Twist Lane (No.3) Sandersons Croft Deans Row Warrington Road (No.5) Birchall Street River Street Mill Street Duke Street (No.1) Sizehouse Place Cross Street (No.3) Plank Lane (No.3) Duke Street (No.2) Twist Lane (No.4) Leigh Street Individual Houses	Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	Clearance Areas Individual Houses	11	31	35	104
1955	Alma Street Individual Houses	5	21	3	7
1956	Tickle Street Kenyon Street Taylor Street Hulmes Buildings Ditchfield Street Westwell Street (No.2) Westleigh Lane (No.9) Ann Street Individual Houses	6 4 3 4 8 11 5 3	21 8 11 15 29 43 20 9		
1957	Westleigh Lane (No.8) Brooks Houses (No.1) Siddow Common (No.3) Welch Hill Street (No.4) Welch Hill Street (No.5) Individual Houses	3 4 6 5 5	6 11 15 15 17	72	187
1958	Back Brown Street Twist Lane (No.3) Sandersons Croft Deans Row Warrington Road (No.5) Birchall Street River Street Mill Street Duke Street (No.1) Sizehouse Place Cross Street (No.3) Plank Lane (No.3) Duke Street (No.2) Twist Lane (No.4) Leigh Street Individual Houses	4 6 6 12 5 8 8 5 7 5 6 6 5 10 7	18 14 22 30 18 16 21 16 24 13 14 18 12 30 17	72	194
	c/fwd	183	555	189	519

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1963.

			Clearance Areas		Individual Houses	
			No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
59	b/fwd.		183	555	189	519
	Princess Street		21	57		
	Dukinfield Street		10	26		
	Dukinfield Street (No.2)		5	15		
	Dukinfield Street (No.3)		18	45		
	Dukinfield Street (No.4)		12	37		
	High Street		16	45		
	Individual Houses				31	97
60	Westleigh Lane (No.10) Compulsory Purchase Order		4	9		
	Mather Lane Compulsory Purchase Order		19	48		
	John Street (No. 2) Compulsory Purchase Order		14	28		
	Twist Lane (No. 5)		5	14		
	Derby Street West (No.1)		5	14		
	Derby Street West (No.2)		6	16		
	Derby Street West (No.3)		12	26		
	Brown Street South		8	16		
	Individual Houses				14	53
61	Warrington Road (No.6)		4	9		
	Nel Pan Lane		5	14		
	Hilden Street		9	14		
	Individual Houses				24	58
62	Green Lane (No.4)		9	20		
	Duke Street (No.3)		6	12		
	Hill View		4	13		
	Wood End (No.2)		4	10		
	Henry Street		4	14		
	Individual Houses				11	34
63	Bedford Grove		6	15		
	Lord Street		6	12		
	Individual Houses				20	49
	TOTALS		395	1084	289	810

MEASUREMENT FOR PERMITTED NUMBERS - HOUSING ACT, 1957, SECTION 77.

15 Certificates of Permitted Numbers were issued respecting 7 houses and 42 flats.

P R O V I S I O N O F N E W H O U S E S .

(a)	Total		219
	(i) By Local Authority	Houses	44
		Flats	6
	(ii) By other Local Authorities	Houses	-
	(iii) By other bodies or persons	Houses	169
(b)	With State assistance under the Housing Acts:-		
	(i) By Local Authority	Houses	44
		Flats	6
	(ii) By other bodies or persons		Nil

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

(1)	(a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	477
	(b) Number of inspections made for the purpose	1403
(2)	(a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	95
	(b) Number of inspections made for the purpose	189
(3)	Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	32
(4)	Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	465

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority. 83

3. ACTION UNDER STATUTORY POWERS

A Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957:-

(1)	Number of dwellinghouses in respect of which notices were served requiring repairs	Nil
(2)	Number of dwellinghouses which were rendered fit after service of formal notice:-	
(a)	By owners	Nil
(b)	By Local Authority in default of Owners	Nil

B Proceedings under Public Health Acts:-

(1)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	229
(2)	Number of dwellinghouses in which defects were remedied after service of formal notice:-	
(a)	By owners	115
(b)	By Local Authority in default of Owners	5

3. ACTION UNDER STATUTORY POWERS (Continued)

C. Proceedings under Sections 16 and 23 of the Housing Act, 1957:-

(1) Number of dwellinghouses in respect of which Demolition Orders were made	8
(2) Number of dwellinghouses demolished in pursuance of Demolition Orders	14
(3) Number of dwellinghouses closed in pursuance of Closing Orders	13

D. Proceedings under Section 18 of the Housing Act, 1957:-

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4. HOUSING ACT, 1957 - OVERCROWDING.

Number of cases of overcrowding investigated during the year	5
Number of cases of overcrowding confirmed during the year	2
Number of families involved	9
Number of persons dwelling therein	36
Number of families re-housed	6
Number of persons involved	18

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 861 applicants on the Corporation housing list, of which 346 were living in lodgings.

RENT ACT, 1957.

Number of applications for Certificates of Disrepair (Form I)	15
Number of Certificates of Disrepair authorised to be issued - in full	-
Number of Certificates of Disrepair authorised to be issued - in part	-
Number of applications for Certificates of Disrepair refused	-
Number of Undertakings from Landlords to remedy defects (Form K)	14
Number of Undertakings from Landlords accepted	14
Number of Undertakings from Landlords refused	-
Number of Certificates of Disrepair issued (Form L)	-
Number of applications for Cancellation of Certificates of Disrepair (Form M)	-
Number of Certificates of Disrepair cancelled	-
Number of Refusals to cancel Certificates of Disrepair	-
Number of Applications for Certificates re remedying of defects (Form O)	-
Number of Certificates issued re remedying of defects (Form P)	-

I M P R O V E M E N T G R A N T S

- Rent Act, 1957, Housing (Financial Provisions) Act, 1958
and House Purchase and Housing Act, 1959.

Two types of grant are now available with the advent of the House Purchase and Housing Act, 1959, when the Standard Grant was introduced. The conditions applicable to these grants are as follows:-

- (a) Standard Grants are available towards the cost of improving a house which lacks certain standard amenities, such as a bath, w.c., or hot water system. They are specially intended to help the modernisation of houses which can be equipped with these amenities without the necessity for structural additions involving much new building work. These standard grants are a new form of improvement grant which can be claimed as of right: the grant cannot be refused, provided the conditions of payment are satisfied.
- (b) Discretionary Grants are payable for a wider range and more extensive forms of improvement, including the conversion or adaptation of larger houses and other buildings. But payment of these grants is at the discretion of the local council.

Particulars of applications received during the year are set out below:-

D I S C R E T I O N A R Y G R A N T S.

Number of applications received	27
Number of applications received from private owners	19
Number of applications received from landlords	8
Number approved for grant - private owners	17
Number not approved for grant - private owners	-
Number approved for grant - landlords	8
Number not approved for grant - landlords	-
Number of applications withdrawn	2
Total amount of grants authorised	£3636.0s.0d.
Total amount of grants paid	£4314.0s.0d.
Total amount of advances towards balance of cost of work	£2785.10s.0d.

S T A N D A R D G R A N T S.

Number of applications received	162
Number of applications approved	153
Number of applications refused	2
Number of applications withdrawn	3
Total amount of grants paid	£10685.10s.0d.
Total amount of advances towards balance of cost of work	£ 3881.10s.0d.

TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES.

The following table shows the number and types of defects found and remedied in dwellinghouses during the current year:-

<u>Nature</u>	<u>Found</u>	<u>Remedied</u>
Drains	47	47
Roofs	44	39
Eavesgutters	21	21
Rainwater pipes	8	9
Walls External : Defective Brickwork	12	21
" " Dampness penetrating	8	4
Walls Internal : Damp wallplaster	25	49
" " Defective wallplaster	22	25
" " Defective ceiling plaster	17	13
Sinks and Slopstones	-	1
Sink waste pipes	11	5
Floors	11	13
Window frames : Defective Woodwork	26	30
" " Sashes and inadequate ventilation	31	24
" " Glazing	-	-
Doors	17	12
Fire Ranges : Smoke emission	3	3
" " Defective	-	2
Insufficient Water Supply	6	1
Closets : Fresh Water	128	148
" Waste Water	2	-
Yards and Passages	2	3
Other Defects	19	25
TOTAL	460	495

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act 1936, at a total cost of £45.9s.11d.

Repairs to defective drains were carried out under signed orders from the owners of the property at a cost of £95.11s.10d. which was fully recovered.

PUBLIC HEALTH ACTS, 1936 - 1961.

STATUTORY NOTICES SERVED.

<u>Act and Section</u>		<u>No. of Notices</u>
Public Health Act, 1961		
Section 17	Choked Drainage (48 hours notice)	7
Public Health Act, 1936		
Section 39	Defective Sinks	-
Section 39	Drainage (Sub-soil drains)	22
Section 39	Gutters, Downspouts	19
Section 45	Defective Water Closets	88
Section 93	Conditions prejudicial to health	81
Section 138	Insufficient water supply	2
Section 47	Conversion of w.w.c.'s	-
		<hr/>
		219

INSPECTION AND SUPERVISION OF FOOD.

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS.

	<u>No. of visits paid</u>
Markets	9
Bakehouses	7
Canteens and Restaurants	14
Dairies and Milkshops	-
Grocers' Shops	16
Greengrocers' Shops	1
Fish Friers	-
Wet Fish Shops	-
Confectionery Shops	1
Food Warehouses	3
Hotels and Public Houses	-
Butchers' Shops	1
Butchers' Mobile Shops	-
Slaughterhouses	746
Ice Cream Manufacturers	-
Ice Cream Shops and Vehicles	2
Hawkers' Vehicles	2
TOTAL	802

INFRACTIONS OF FOOD HYGIENE REGULATIONS 1955 DEALT WITH.

		<u>Defects found</u>	<u>Defects remedied</u>
Reg. 6	Cleanliness of equipment	-	-
" 8	Risk of contamination	1	1
" 14	Defective closets, etc. Notices re washing	-	-
" 16	Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided	1	3
" 17	First Aid equipment not provided	-	1
" 18	Accommodation for clothing, etc.	-	-
" 19	Facilities for washing food and equipment	-	-
" 23	Cleanliness and repair of Food Rooms	1	-
" 24	Refuse	1	1
	TOTALS	4	6

Summons were heard on the 22nd August against a vendor of hamburgers from a mobile vehicle for non-observance of Regulation 8 of the Food Hygiene (General Regulations) 1960, viz: food being exposed to risk of contamination. This resulted in the firm being fined £10 plus £5.5s.0d. Advocate's fee.

BAKEHOUSES.

Number of Bakehouses on register	37
Number of inspections in the year	7
Number of defects found	-
Number of defects remedied	-

SLAUGHTERHOUSES.

Number of licensed slaughterhouses in the Borough 2

Inspectors are in attendance daily at both slaughterhouses.

The coming into force of the Meat Inspection Regulations on the 1st October has necessitated a re-arrangement with regard to duties undertaken and inspection of carcases in the two slaughterhouses. This has resulted in an increase in the hours of work there. Contracts were negotiated with the owners towards the costs of the services given by the Public Health Inspectors, these being subject to review at the end of twelve months.

SLAUGHTER OF ANIMALS ACT. 1958.

There are 24 slaughtermen holding licences granted by this Authority.

It was not found necessary on any occasion to seek formal condemnation by Magistrate's Order. Condemned meat is dealt with through an authorised disposal unit.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

NUMBER OF CATTLE EXAMINED AND CONDEMNED

CONDENMATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	3,117	708	10	16,420	27,870
Number inspected	3,117	708	10	16,420	27,870
All Diseases except Tuberculosis - Whole Carcasses Condemned	4	2	-	10	30
Carcasses of which some part or organ was condemned	1,071	345	-	1,515	4,819
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	34.5	49.0	-	9.28	17.4
<u>TUBERCULOSIS:</u>					
Whole Carcasses condemned	2	-	-	-	-
Carcasses of which some part or organ was condemned	5	2	-	-	51
Percentage of the number inspected affected with Tuberculosis 1963	0.22	0.28	-	-	0.18

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle excluding Cows	Cows	Calves	Pigs
1945	4.60	64.00	-	8.82
1946	9.96	57.61	-	6.92
1947	9.18	61.52	-	4.12
1948	6.90	36.36	0.44	5.32
1949	7.10	36.90	0.40	6.90
1950	6.70	42.80	0.40	4.20
1951	8.03	56.28	0.09	4.41
1952	14.62	48.62	0.27	3.33
1953	13.16	33.20	0.16	3.19
1954	10.26	29.19	-	1.98
1955	6.51	39.65	-	1.44
1956	6.86	23.49	-	1.66
1957	8.43	21.77	-	0.40
1958	6.16	17.55	-	1.88
1959	7.40	18.50	-	1.40
1960	3.13	6.39	-	1.15
1961	1.60	0.40	-	0.61
1962	0.60	0.41	-	0.54
1963	0.22	0.28	-	0.18

T U B E R C U L O S I S O R D E R, 1 9 3 8.

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

C Y S T I C E R C U S B O V I S.

All bovines are subjected to examinations for Cysticercus Bovis and during the year 6 cases were discovered. In each case particulars of the animal affected were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcases were subjected to refrigeration prior to release in accordance with the terms of the Ministry of Agriculture, Fisheries and Food circular.

I N S P E C T I O N O F O T H E R F O O D S.

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts	Qrs.	lbs.	ozs.
Meat (Raw)	-	-	5	2	9	14
Meat (Canned)	1272	-	33	2	23	-
Fruit	1607	-	15	1	12	7
Vegetables	1338	-	8	3	17	1
Milk	320	-	2	-	19	-
Fish	609	-	3	-	3	12
Soups	132	-	-	3	21	1
Sundries	965	-	4	3	21	7
Total	6243	3	15	3	1	10

F O O D A N D D R U G S A C T, 1 9 5 5.

The Public Analyst for the Borough is Dr. G. H. Walker, Ph.D., F.R.I.C., County Offices, Preston.

138 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

There were no prosecutions under the Act, such infringements as were found being dealt with informally.

A N A L Y S I S O F F O O D S A M P L E S - 1 9 6 3 .

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Aspirin Tablets	-	1	-	1	-
Bread Mix	-	1	-	1	-
Butter	-	4	-	4	-
Cheese	-	6	-	6	-
Cheese Spread	-	1	-	1	-
Coffee	-	1	-	1	-
Coffee Extract, Dry, Decaffinated	-	1	-	1	-
Cough Sweets	-	1	-	1	-
Curry Powder	-	1	-	1	-
Custard Powder	-	1	-	1	-
Dripping	-	2	-	2	-
Fish Paste	-	1	-	1	-
Flan Jelly	-	1	-	1	-
Flour - Self-raising	-	1	-	1	-
Fruit (Canned)	-	4	-	4	-
Fruit Curd (lemon)	-	2	-	2	-
Fruit (Dried)	-	3	-	3	1
Fruit (Fresh)	-	2	-	2	1
Gin	-	1	-	1	-
Ice Cream	-	3	-	3	-
Jam	-	4	-	4	-
Margarine	-	3	-	3	-
Marmalade	-	1	-	1	-
Meat (Canned)	-	6	-	6	1
c/fwd		52	-	52	3

ANALYSIS OF FOOD SAMPLES - 1963

(Continued)

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
b/fwd.	-	52	-	52	3
Meat (Potted)	-	1	-	1	1
Meat & Vegetable (Canned)	-	2	-	2	--
Milk	-	32	-	32	3
Milk, Channel Islands	-	4	-	4	-
Mincemeat	-	1	-	1	-
Rum	-	3	-	3	-
Sausages - Beef	-	7	-	7	1
Sausages - Pork	-	11	-	11	-
Shrimp Savouries	-	1	-	1	1
Soft Drinks	-	1	-	1	-
Sweetmeat	-	1	-	1	-
Sweets	-	3	-	3	-
Tartare Sauce	-	1	-	1	-
Tea	-	3	-	3	-
Tea Bags	-	1	-	1	-
Tomato Ketchup	-	1	-	1	-
Tonic	-	2	-	2	1
Vegetables (Canned)	-	4	-	4	-
Vegetables (Dehydrated)	-	1	-	1	-
Vinegar	-	2	-	2	-
Vitamin and Mineral Capsules	-	1	-	1	-
White Petroleum Jelly	-	1	-	1	-
Whisky	-	1	-	1	-
Yoghourt	-	1	-	1	-
TOTALS	-	138	-	138	10

A D U L T E R A T E D S A M P L E S 1 9 6 3 .

Number of Sample	Description	Nature of adulteration or irregularity.	Observations.
683	Fresh Fruit (Apples) (Informal)	Lead found on three separate apples 3.0, 3.3 and 7.0 parts per million. Arsenic 1.0, 0.9 and 2.0 parts per million. Limit for lead 3.0 parts per million and for arsenic 1.0 part per million	Unable to ascertain port of entry.
685	Fruit, Dried (Apricots) (Informal)	Contained 2,030 parts per million of sulphite preservative, (expressed as sulphur dioxide). Limit for dried apricots 2,000 parts per million.	Vendor, Importers and Exporters communicated with.
688	Meat, Potted (Informal)	Excess water 16.5 per cent. Sample consisted of slices of meat mould or brawn and should not be sold as "Potted Meat".	Manufacturers agreed to amend designation.
695	Milk (Informal)	Deficient 10.0 per cent. fat	Further sample to be obtained
722	Milk (Informal)	Deficient 5.0 per cent. fat	Vendor notified
734	Beef Sausage (Informal)	Contained 150 parts per million of sulphite preservative (expressed as sulphur dioxide) without declaration.	Vendor interviewed
752	Vital Tonic (Informal)	Potassium Bromide content only 2.3 per cent. (declared at 4.3 per cent).	Vendor gave undertaking to use correct labels in future.

A D U L T E R A T E D S A M P L E S 1963.
 (Continued)

Number of Sample	Description	Nature of adulteration or irregularity.	Observations.
781	Shrimp Savouries, Canned (Informal)	<p>1. <u>Incorrectly labelled.</u></p> <p>(i) List of ingredients incomplete and in wrong order - omits fat, and words 'cereal' and 'shrimps' transposed.</p> <p>(ii) Illustrations of lobsters and not shrimps.</p> <p>(iii) Weight stated to be 1.5 ounces (63 grammes) although 1.5 ounces is equivalent to 42.5 grammes.</p> <p>2. <u>Underweight</u></p> <p>1.4 ounces only in can.</p>	Packers agreed to amend labels.
797	Milk (Informal)	Contained 0.02 I.U. penicillin per ml.	Dairy informed.
856	Opened tin of Corned Beef. (Informal)	Contained one dead parasitic fly measuring 9 millimetres in length and weighing 45 milligrams.	Packers communicated with.

M I L K S U P P L Y.

The Borough is a specified area where only Tuberculin Tested, Pasteurised and Sterilised milk is permitted to be sold.

Number of Registered Distributors in the Borough 153

Number of Registered Dairies in the Borough 2

Year	Number of Samples	Fat	Solids-not-Fat	Total Solids	Percentage Adulteration
1944	50	3.70	8.53	12.23	4.0
1945	38	3.61	8.55	12.16	7.9
1946	34	3.57	8.55	12.12	5.9
1947	60	3.81	8.52	12.23	16.6
1948	83	3.70	8.60	12.30	9.6
1949	80	3.67	8.56	12.23	8.7
1950	87	3.69	8.62	12.31	6.9
1951	70	3.65	8.66	12.31	4.2
1952	62	3.86	8.65	12.51	3.2
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
1960	53	3.60	8.66	12.26	5.7
1961	63	3.62	8.62	12.24	4.8
1962	63	3.63	8.62	12.25	1.6
1963	32	3.67	8.54	12.21	3.1
Average		3.70	8.59	12.28	6.1

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

NATURE OF TEST						
Designation	Number taken	Methylene Blue	Turbidity Test	Phosphatase Test	Tubercle Bacilli	
		Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Positive Negative
Tuberculin Tested	42	40	2	-	-	-
Pasteurised	31	31	-	-	31	-
T.T. Pasteurised	30	30	-	-	30	-
Sterilised	25	-	-	25	-	-
TOTALS	128	101	2	25	61	42

TABLE OF SAMPLES OF MILK SUBMITTED FOR METHYLENE BLUE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Tuberculin Tested	42	40	2	95%
Pasteurised	31	31	-	100%
T.T. Pasteurised	30	30	-	100%

TABLE OF SAMPLES OF MILK SUBMITTED FOR PHOSPHATASE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Pasteurised	31	31	-	100%
T.T. Pasteurised	30	30	-	100%

TABLE OF SAMPLES OF MILK SUBMITTED FOR TURBIDITY TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Sterilised	25	25	-	100%

ICE CREAM.

In accordance with Section 16 (1) (a) of the Food and Drugs Act, 1955, 4 premises were registered for the sale of Ice Cream during the year. 188 such premises now appear in the Register. There are four manufacturers of Ice Cream licensed in the Borough.

No samples were submitted to the Regional Public Health Laboratory, Monsall Hospital, Manchester for bacteriological examination.

The following table gives the result of the examination of Ice Cream samples submitted under the Food and Drugs Act:-

Year	Fats %	Total Solids %
1953	9.4	34.1
1954	8.5	33.7
1955	7.0	33.6
1956	8.4	34.4
1957	7.4	35.6
1958	8.6	35.4
1959	8.7	36.4
1960	8.0	36.5
1961	6.9	34.4
1962	7.3	35.0
1963	8.7	35.1
Average	8.1	34.9

LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951.

HAWKERS.

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat food product, or fish, fruit or vegetables from any cart, barrow or other vehicle or from any basket, pail, tray or other receptacle, must be registered.

The number of persons on the register at the end of the year was 95

PREMISES.

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit or vegetables must be registered. The number of premises registered at the end of the year was 62.

FOOD AND DRUGS ACT, 1955 (Section 16).

PRESERVED FOODS, ETC.

Under the above Act all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered. The number of premises registered at the end of the year was 95.

R O D E N T C O N T R O L.

P R E V E N T I O N O F D A M A G E B Y P E S T S A C T , 1 9 4 9 .

During the year, as a result of complaints and continuous survey, 2,393 premises were inspected. As a result 403 infestations were found and in course of treatment 9,826 visits were made by the Rodent Operator.

A free service for the destruction of rats and mice is given to occupiers of dwelling-houses, conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises, and in this connection the sum of £104.17s.9d., was recovered during the year.

S U M M A R Y O F V I S I T S M A D E F O R P U R P O S E
O F S U R V E Y .

Premises	Number of Visits	Test Baits Laid on survey
Local Authority Premises	24	194
Houses	1455	1013
Factories	113	271
Food Premises	88	310
Shops (Not Food)	56	66
Offices	15	16
Schools	15	114
Piggeries	3	32
Stables	3	22
Hen Runs	12	76
Slaughterhouses	9	69
Licensed Premises	16	77
Garages	216	320
Agricultural	24	50
Brooks and Waterways	42	406
Miscellaneous	10	80
TOTAL	2101	3116

S U M M A R Y O F V I S I T S F O R P U R P O S E S O F T R E A T M E N T

Type of Premises	No. of Visits	Poisonous Baits		Mice		Estimated Kill Rats Only
		Laid	Taken	Laid	Taken	
Local Authority	25	646	47	140	10	67
Dwellings	7365	4672	1229	1529	536	682
Factories	150	3055	554	406	69	279
Food Premises	85	589	178	501	96	61
Shops (Not Food)	11	21	-	50	7	1
Offices	3	-	-	53	9	-
Schools	47	95	35	518	113	10
Slaughterhouses	7	57	7	-	-	7
Licensed Premises	20	50	6	-	-	1
Clubs	-	-	-	127	31	7
Garages	2	-	-	19	5	-
Waterways	-	56	16	-	-	8
Miscellaneous	10	68	18	52	7	9
TOTALS	7725	9309	2183	3302	883	1132

S E W E R I N F E S T A T I O N A N D T R E A T M E N T.

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfection of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

A comparative table of treatments undertaken during the past 10 years is given below:-

Year	Treatment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting			Estimated Kill
			Taken	Not Taken	Good	Taken Small	Not Taken	
1954	18	100	70	31	-	68	32	109
	19	106	65	27	1	57	48	387
1955	20	101	74	25	2	46	53	480
	21	81	51	30	-	41	40	273
1956	22	96	54	42	-	52	44	260
	23	115	72	43	3	45	67	320
1957	24	111	81	30	2	70	39	740
	25	104	34	70	Warfarin Bait Used			
1958	26	101	78	23	- ditto -			
	27	106	35	71	- ditto -			
1959	28	110	26	84	- ditto -			
	29	118	38	80	- ditto -			
1960	30	86	17	69	- ditto -			
	31	36	21	15	- ditto -			
1961	32	55	23	32	- ditto -			
	33	50	16	34	- ditto -			
1962	34	53	13	40	- ditto -			
	35	103	30	73	- ditto -			
1963	36	106	29	77	- ditto -			
	37	69	15	44	- ditto -			



BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the Year

1963